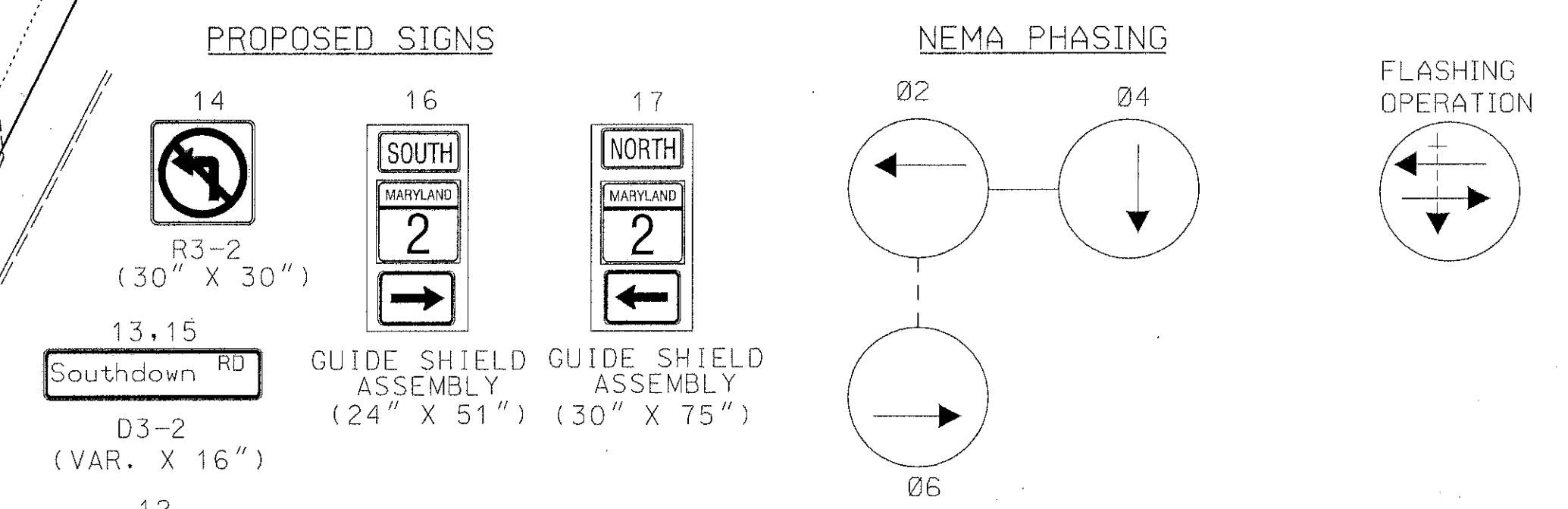


- CONSTRUCTION DETAILS**
- A. INSTALL A 27 FT. STEEL POLE WITH A SINGLE 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND A 15 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE, AT STATION 0+42.5; LEFT 47 FT. (NOTE: FOUR-2 IN. X 90 IN. ANCHOR BOLTS, AND ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND, ALSO, POWER SERVICE SHALL BE PROVIDED VIA RELOCATED BGE POLE #511404).
- B. INSTALL A 27 FT. STEEL POLE, (CUT TO 25 FT) WITH A SINGLE 50 FT. MAST ARM, AT STATION 191+59, RIGHT 45 FT. (NOTE: FOUR-2 IN. X 90 IN. ANCHOR BOLTS, AND ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND), ALSO MAST ARM SHALL BE INSTALLED DURING STAGE 3 CONSTRUCTION).
- C. INSTALL A 27 FT. STEEL POLE (CUT TO 25 FT) WITH A SINGLE 50 FT. MAST ARM, AT STATION 190+67, RIGHT 56 FT. (NOTE: FOUR - 1 3/4 IN. X 90 IN. ANCHOR BOLTS, AND ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND, ALSO MAST ARM SHALL BE INSTALLED DURING STAGE 3 CONSTRUCTION).
- D. INSTALL A NEMA (SIZE 6) BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR A TYPE "B" UNDERGROUND ELECTRICAL SERVICE AT STATION 0+53.5; LEFT 48 FT. (NOTE: TWO-2 IN. SCHEDULE 80 PVC, TWO-4 IN. SCHEDULE 80 PVC, AND ONE-3 IN. SCHEDULE 80 PVC CONDUIT BENDS).
- E. INSTALL A BASE MOUNTED TRAFFIC RESPONSIVE MASTER CONTROLLER AND CABINET AT STATION 0+62, LEFT 42 FT. (NOTE: ONE- 2 IN. SCHEDULE 80 PVC, AND ONE-3 IN. SCHEDULE 80 PVC CONDUIT BENDS)

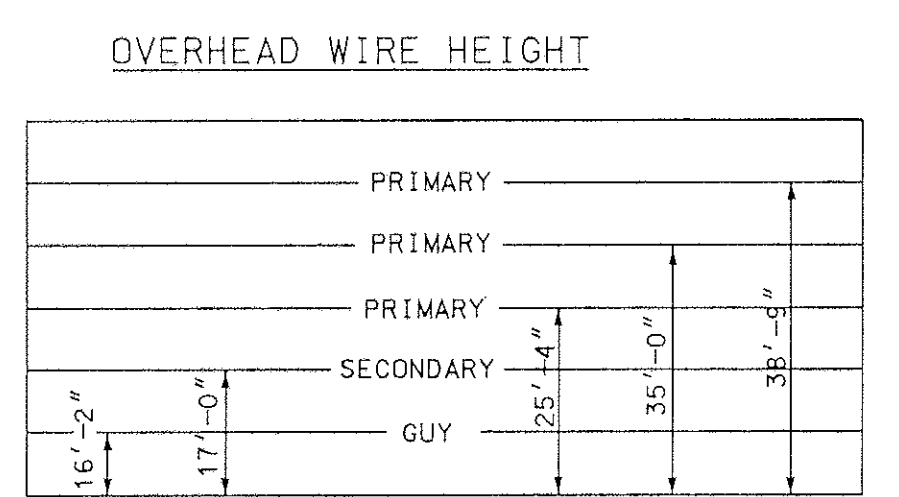
- PROPOSED SIGNALS**
- 1-11
R
Y
G
12"

NOTE:
SIGNAL HEAD NUMBERS 10 & 11 SHALL BE BAGGED DURING PHASE I. SIGNAL HEADS 7 - 9 SHALL BE BAGGED DURING PHASE II.



PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

- MOT LEGEND**
- IMPACT ATTENUATOR
 - CHANNELIZATION DEVICE
 - CONCRETE BARRIER
 - STAGE 1 PHASE 1: Maintain outbound one lane of traffic in southern half of Southdown Road. Inbound traffic will use Detour as shown.
 - STAGE 1 PHASE 2: When half of Southdown Road is completed, traffic will be shifted to Northern half of Southdown Road.
- GEOMETRIC LEGEND**
- EXISTING
 - PROPOSED
- UTILITY LEGEND**
- G - GAS MAIN
 - W - WATER MAIN
 - S - SEWER MAIN
 - E - ELECTRIC CABLES
 - A - AERIAL CABLES
 - T - TELEPHONE CABLES



- GENERAL NOTES:**
- THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
 - REFER TO THE MAINTENANCE OF TRAFFIC AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL DETAILS.
 - ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADES.

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
**MD 2 (SOLOMON'S ISLAND ROAD)
AND SOUTHDOWN ROAD**

DRAWN BY: HAWKINS ELECTRIC
CHECKED BY:
SCALE: 1"=20'
DATE: SEPTEMBER 21, 1981

F.A.P. NO. XXX
S.H.A. NO. BW572-801-512
COUNTY: ANNE ARUNDEL
LOG MILE: 02000217.03

TS NO. 1817A
SHEET NO. 1 OF 1

© RECONSTRUCT SIGNAL DUE TO ROADWAY WIDENING PROJECT
SHA NO. AA530-A21
9/99

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